

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 27. (Canceled)

28. (Previously Presented) A method for identifying a compound which binds to a 93870 polypeptide comprising the steps of:

contacting a 93870 polypeptide, or a cell expressing a 93870 polypeptide selected from the group consisting of:

- i) a polypeptide comprising the amino acid sequence of SEQ ID NO:2;
- ii) a polypeptide comprising the amino acid sequence encoded by a nucleic acid having the nucleotide sequence of SEQ ID NO:1 or SEQ ID NO:3;
and
- iii) a fusion protein comprising the polypeptide of i) or ii) and a non-93870 polypeptide;

with a test compound; and

determining whether the polypeptide binds to the test compound.

29. (Currently Amended) The method of claim 28, wherein the binding of the test compound to the polypeptide is detected by a method selected from the group consisting of:

- a. detection of binding by detection of a complex between the ~~direct detecting of test compound/polypeptide binding and the polypeptide;~~
- b. detection of binding using a competition binding assay;
- c. detection of binding using an assay for 93870-mediated signal transduction; and
- d. detection of binding using a two hybrid assay.

30. – 31. (Canceled)

32. (Previously Presented) The method of claim 28, wherein the test compound is directly or indirectly labeled.

33. (Previously Presented) The method of claim 28, wherein the test compound is an antibody.
34. (Previously Presented) The method of claim 28, wherein the 93870 polypeptide is immobilized on a solid surface.
35. (Previously Presented) The method of claim 28, wherein the 93870 polypeptide is membrane bound.
36. (Currently Amended) The method of claim 28, wherein the cell is selected from the group consisting of a bone marrow mononuclear cell, a neutrophil, an osteoblast, a hematopoietic cell and a megakaryocyte.
37. (Previously Presented) The method of claim 29, wherein the binding is detected by a competition binding assay.
38. (Previously Presented) The method of claim 37, wherein the competition binding assay measures the amount of ligand binding to the polypeptide.
39. (Previously Presented) The method of claim 38, wherein the ligand is an antibody.
40. (Previously Presented) The method of claim 29, wherein the binding is detected by an assay for 93870-mediated signal transduction in a cell expressing the 93870 polypeptide.
41. (Previously Presented) The method of claim 40, wherein the 93870-mediated signal transduction is mobilization of a molecule selected from the group consisting of adenylate cyclase, phosphatidylinositol 4,5-bisphosphate and inositol 1,4,5-triphosphate.
42. (Currently Amended) The method of claim 40, wherein the cell is selected from the group consisting of a bone marrow mononuclear cell, a neutrophil, an osteoblast, a hematopoietic cell and a megakaryocyte.

43. (Currently Amended) A method for identifying a compound which binds to a polypeptide comprising the amino acid sequence of SEQ ID NO:2 comprising the steps of:
contacting a cell selected from the group consisting of a bone marrow mononuclear cell, a neutrophil, an osteoblast, a hematopoietic cell and a megakaryocyte with a test compound, and determining whether the polypeptide binds to the test compound.